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Reply to Office Action of November 2, 2007

## Amendments to the Claims:

This listing of the claims will replace all prior versions, and listings, of claims in the application:

## **Listing of Claims**:

- 1. (Currently Amended) A method Method for writing memory sectors in individually-deletable memory blocks (SB), comprising a number of memory sectors, whereby access to the physical sectors is achieved by means of an allocation table (ZT) for address conversion of a logical address (LA) into a physical block address (RBA) and a physical sector address (RSA), and whereby when a sector write command is to be carried out, which relates to an already written sector, the writing takes place to an alternative memory block (AB) by means of an altered address conversion, eheraeterized in that wherein the writing processes for sectors in the alternative memory block are carried out sequentially and the position of the relevant sector in the alternative block (AB) is stored in the a sector table.
- 2. (Currently Amended) The method Method according to claim 1, eharacterized in that wherein the altered address conversion is carried out by means of a data record with a physical block address (RBA) and a sector table in the internal storage of a memory controller.
- 3. (Currently Amended) Method The method according to claim 1, characterized in that wherein the sector table is organized as an index table (IT), wherein the physical sector address (RSA) serves as an index and the valid sector

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position in the alternative block (AB) is indicated at the corresponding position in the table.

4. (Currently Amended) Method The method according to claim 3, eheracterized in that wherein a highest possible value assigned to a sector address (RSA) in the index table (IT) indicates that the a corresponding sector remains unchanged in the original memory block (SB).

- 5. (Currently Amended) Method-The method according to claim 1, eharacterized in that wherein the sector table is organized as a search table (ST), each table entry of which indicates the physical sector address (RSA) with the corresponding valid sector position in the alternative block (AB).
- 6. (Currently Amended) Method The method according to claim 5, eheracterized in that wherein the search table (ST), is sorted by physical sector addresses (RSA).
- 7. (Currently Amended) Method The method according to claim 1, eharacterized in that wherein the position of the sector within the alternative block (AB) is also stored in the administrative part of the sector.

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8. (Currently Amended) Method The method according to claim 7,

eharacterized in that wherein the sector table of a block is reconstructed from the sector

positions stored in the administrative part when the memory system is restarted.

(Currently Amended) Method The method according to claim 8,

characterized in that wherein when restarting, the sector position with the highest item

position number is registered in the sector table.

10. (Currently Amended) Method The method according to claim 3,

characterized in that wherein a memory block contains 256 sectors and the

corresponding index table (IT) has 32 bytebytes.

11. (Currently Amended) Method The method according to claim 5,

eharacterized in that wherein a memory block contains 256 sectors and the

corresponding search table (ST) has 32 bytebytes.

12. (Currently Amended) Method The method according to claim 1,

eharacterized in that wherein, as soon as the sector table is filled, a new alternative block

is searched for, to which the valid sectors from the original memory block, together with

those from the previous alternative block, are then copied.

13.(Currently Amended) Method The method according to claim 12,

characterized in that wherein the new alternative block is registered in the allocation

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table as the original memory block and the previous memory- and alternative blocks are cleared for deletion.

14. (Currently Amended) Method The method according to claim 1, choracterized in that wherein in the allocation table, a strategy indicator is carried along with each logical block address, indicating whether a search table, marked as "sector mask", or an index table, marked as "sector table", have last been used for this logical block address the latter.

15. (Currently Amended) Method The method according to claim 14 and, characterized in that wherein the strategy indicator is initialised with the remark a mark "sector mask".

16. (Currently Amended) Method The method according to claim 15, eheracterized in that wherein if the memory system is formatted as a FAT file system, the memory blocks are initialised with a markthe remark "sector table".

17. (Currently Amended) Method The method according to claim #14, eharacterized in that wherein if only a few sectors have been written to the alternative block system, and one of these blocks is to be rewritten, the administration of the alternative block is switched from "sector mask" to "sector table".

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18. (New) A method for writing memory sectors in individually-deletable

memory blocks (SB), comprising a number of memory sectors, whereby access to the

physical sectors is achieved by means of an allocation table (ZT) for address conversion

physical sectors is achieved by means of an allocation table (ZT) for address conversion

of a logical address (LA) into a physical block address (RBA) and a physical sector

address (RSA), the method comprising:

writing data to an alternative memory block (AB) by means of an altered

address conversion when a sector write command is to be carried out to an already

written sector, wherein the step of writing for sectors in the alternative memory block  $% \left\{ 1\right\} =\left\{ 1\right\} =\left\{$ 

are carried out sequentially; and

storing the position of the relevant sector in the alternative block (AB) in a

sector table.

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